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SOURCE Parovyye Turbiny: Teoriya Teplovogo Protsessa i Konstruktsii
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ABSTRACT OF A. V. SHCHEGLYAYEV'S BOOK, "STEAM TURBINES:
THEORY OF THE THERMAL PROCESS AND TURBINE DESIGNS"

This second edition, revised and supplemented, is authorized as a textbook for higher technical schools by the Ministry of Higher Education USSR.

In dealing with the theory of the thermal process, the book covers the analysis of water vapor cycles, the discharge of steam, analysis of turbine stage operation and special features of multistage turbines, as well as turbine processes under variable conditions.

It also classifies types of steam turbines, discussing the most extensively used design methods. It pays particular attention to domestic turbines, especially to high-pressure turbines.

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